

50X1-HUM

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Effect of cold-hardening on the strength of the surface layer of bearing rings.

Investigation and introduction of high-speed cutting on six-spindle automatics.

Qualities and heat treatment of ShKh15 steel with high manganese content.

Technique of lathe-turning of hardened rings on semiautomatic machines.

Investigation and selection of new-type grinding wheels for grinding grooves, raceways, and ring-edges.

Technique of cold-stamping of external conical rings.

Machining of rolled bearing billets.

Standard block for broaching the external profile of rolling friction bearings.

Stress in high-speed bearing cages resulting from the action of centrifugal forces.

NAMI (Scientific Research Institute for Automobile and Automobile Motors)

Most advantageous conditions for the operation of internal combustion engines together with hydrodynamic transformers.

Design and testing of the NAMI closed-type pump injector for the YaAZ-204 engine.

Operation of GAZ-51 bottled-gas trucks on liquefied gas.

Peculiarities inherent in the gasification of high-moisture wood shavings.

Yaroslavl' Automobile Plant

Effectiveness of various types of lamps in warming the YaAZ-204 engine in cold weather.

TsKB (Central Design Bureau) of the Bearing Industry

Stand for testing bearings at high speeds and under heavy loads.

Stand for testing bearings of automobile transmission housings.

Orgavtoprom /Institute (?) for the Organization of Automobile Industry/

Standard technique of machining cylinder sleeves for tractor engines.

Standard technique for machining iron pistons.

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